



Purpose: To compare radiation emitted from a variety of different sources.

Procedure:

1. Place Geiger counter near one of the three samples.
2. Press the detector button on the Geiger counter and hold it down.
3. Start the stopwatch, and begin counting the number of audible “clicks”.
4. Determine the number of clicks during a one minute period.
5. Repeat the procedure for a total of three one-minute recordings.
6. Repeat the procedure for each of the three samples

Data:

	Sample A	Sample B	Sample C
Trial 1			
Trial 2			
Trial 3			
Average			

Analysis:

In this section, you would:

- use diagrams, tables, charts and graphs (as appropriate), and identify and explain patterns or relationships in data;
- present the results of calculations to an appropriate degree of accuracy;
- use observations, measurements or other data to draw conclusions;
- explain to what extent these conclusions support any predictions made, and enable further predictions to be made;
- use scientific knowledge and understanding to explain and interpret observations, measurements or other data, and conclusions.